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SIX-MONTHLY INDEXES TO SCIENCE ABSTRACTS

Cumulative indexes to Science Abstracts are published twice a year covering the period January-June and July-December. They comprise author and subject indexes and some specialised or 'small' indexes. For Physics Abstracts and Electrical & Electronics Abstracts the Author Index and Subject Index are published as separate volumes. In this case the Small Indexes are included in the Author Index volume.

Author index

This lists in alphabetical order all authors of papers abstracted in the abstracts journal during the six months covered by the index, together with the title of the paper. Where there are co-authors of a paper the title of the paper is given only under the name of the first author. The serial number of the paper in the abstracts journal is in the form 5-12345, ie 1975—abstract no. 12345.

'Small' indexes

These are specialised indexes which allow the user to find quickly particular types of information which might be difficult to find using the subject or author indexes.

Bibliography index

In this index reference is made to articles which contain a significant list of references or bibliography on the subjects listed.

Book index

This gives details of books received and abstracted by the abstracts journal.

Corporate author index

This is an index to those items where a corporate organisation rather than an individual person is the agent primarily responsible for the publication. Such publications typically include reports of industrial firms or of government departments or research establishments. This index replaces the previous Report and Patent assignee indexes.

Conference index

This index lists conferences for which published proceedings have been received and abstracted. Reference is given to the individual papers and their serial numbers in the abstracts journal.

Subject index

The Subject index provides an alphabetical subject key to the articles included in the abstracts journal. Some general guidance on its use is given below:

1. Look in the index for the name of the specific subject in which you are interested. In most cases this name will be a heading in the index and you will find relevant articles listed under it.
2. Occasionally you will be directed from the subject heading chosen to a different heading under which the relevant or additional articles are listed.
3. If you do not find the subject heading you first choose, try a more general heading.
4. Each entry under the heading relates to an article appearing in the abstracts journal and gives the serial number of that article in the journal preceded by the last digit of the current year, eg 5—12345; ie Abstract number 12345 in the abstracts journal for 1975.

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molecular rotational-vibrational energy transfer

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i.e. with $A \leq 4$

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see also free radicals; macromolecules; organometallic compounds; plastics; polymers; proteins; Rochelle salt; waxes

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range finding see distance measurement

range of particles see energy loss of particles

ranging (sonar) see sonar

rare earth alloys

see also cerium alloys; dysprosium alloys; erbium alloys; europium alloys; gadolinium alloys; holmium alloys; lanthanum alloys; lutetium alloys; neodymium alloys; praseodymium alloys; promethium alloys; rare earth compounds; samarium alloys; terbium alloys; thulium alloys; ytterbium alloys

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rare earth metals

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